

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in the application.

1. (Currently Amended) A non-aqueous electrolyte secondary cell comprising:

a positive electrode for reversibly intercalating-deintercalating lithium ions;

a negative electrode for reversibly intercalating-deintercalating lithium ions; and

a non-aqueous electrolyte having a non-aqueous solvent and an electrolyte salt,

wherein,

the non-aqueous solvent includes a cycloalkylbenzene derivative ~~and~~

~~an alkylbenzene derivative having a quaternary carbon directly bonded to a benzene ring~~

~~and not having a cycloalkyl group directly bonded to the benzene ring , tert-amylbenzene,~~

and an unsaturated cyclic carbonate derivative.

2. (Currently Amended) The non-aqueous electrolyte secondary cell according to claim 1,

wherein ~~the non-aqueous solvent further includes an unsaturated cyclic carbonate derivative~~ the

unsaturated cyclic carbonate derivative is vinylene carbonate contained in the non-aqueous

solvent at a ratio of 0.5 to 10 parts by mass per 100 parts by mass of the non-aqueous solvent.

3. (Currently Amended) The non-aqueous electrolyte secondary cell according to claim 1,

wherein: the cycloalkylbenzene derivative is contained in the non-aqueous solvent at a ratio of

0.5 to 5 parts by mass per 100 parts by mass of the non-aqueous solvent; and

~~the alkylbenzene derivative having a quaternary carbon directly bonded to a benzene ring~~

~~and not having a cycloalkyl group directly bonded to the benzene ring~~ tert-amylbenzene is contained in the non-aqueous solvent at a ratio of 0.5 to 10 parts by mass per 100 parts by mass of the non-aqueous solvent.

4. (Currently Amended) The non-aqueous electrolyte secondary cell according to claim 2, wherein:

the cycloalkylbenzene derivative is contained in the non-aqueous solvent at a ratio of 0.5 to 5 parts by mass per 100 parts by mass of the non-aqueous solvent; and

~~the alkylbenzene derivative having a quaternary carbon directly bonded to a benzene ring and not having a cycloalkyl group directly bonded to the benzene ring~~ tert-amylbenzene is contained in the non-aqueous solvent at a ratio of 0.5 to 10 parts by mass per 100 parts by mass of the non-aqueous solvent.